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EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DA		
1	3,721,584	3/1973	Dien)	359	580			
	3,885,855	5/1975	Gros	5	359	360		-	
	3,895,155	7/1975	Shuk	uri	428	206			
	3,996,461	12/1976	Sulzi	oach	250	214			
	4,166,018	8/1979	Chap	in	204	192			
	4,187,336	2/1980	Gord	on	428	34			
	4,262,056	4/1981	Hubl	у	428	446			
	4,308,316	12/1981	Gord	on	428	336			
	4,319,803	3/1982	Burn	neister	385	128			
	4,377,613	3/1983	Gord	on	428	212			
	4,515,151	5/1985	Slem	mons	126	709			
91	4,546,050	10/1985	Amb	erger	428	630			
•	FOREI	GN PATEN	T DO	CUMENTS					
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10	DOCUMENT NUMBER	DATE	_	COUNTRY	CLASS	SUBCLASS	YES	NO	
	WO 9320256	10/1993	PCT	•					
	EP 0456488	11/1991	EP					_	
7	EP 0500445	8/1992	EP						
	EP 0546302	6/1993	EP						
\$	EP 0567735	11/1993	EP						
1	OTHER DOCUMENTS (I	ncluding Au	thor, 1	itle, Date, Pertinent Pa	ges, Etc.)				
91	AIRCO Coating Technology Symposium Pro	oceedings, (M	ar. 199	0).					
7/	Pawlewicz et al., "Multilayer Optical Coating	g Fabrication	by D.C	. Magnetron Reactive Spu	ttering" Proc.	SPIE-Int. Soc. Opt.	Eng. (1986).		
EXAMINER	DAT	E CONSID	ERED	3/05					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

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X		4,609,267	9/1986	Degu	chi	351	163			
1/		4,649,088	3/1987	Mits	ni	428	697			
		4,716,086	12/1987	Gille	ry	428	630			
		4,780,372	10/1988	Tracy	,	428	428			
		4,786,563	11/1988	Gille	ry.	428	630			
		4,796,291	1/1989	Maki	no	455	415			
		4,806,220	2/1989	Finle	у	204	192.27			
		4,826,525	5/1989	5/1989 Chesworth		65	60.2			
		4,828,346	5/1989	Jacob	esen	359	360			
		4,885,186	12/1989	Groli	g	427	539			
1		4,861,669	8/1989	Gille	гу	428	434			
47		4,885,186	12/1989 Grolig		g	427	539			
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M		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO	
X1		EP 0 718 250	6/1996	EP		-				
		FR 2579197	9/1986	FR		<u></u>				
		JP 7232369	5/1972	JP						
		JP 56104928	1/1983	JP	<u>:</u>					
94		JP 63100043	2/1988	JP						
		OTHER DOCUMENTS (I	ncluding Au	thor, 7	Title, Date, Pertinent Pa	ges, Etc.)				
91		Beister et al., "Advanced Layer Systems and (1993) pp. 175-183.	Coating Tech	miques	for Large-Area Glass Coa	itings by High	n-Rate Sputtering" (ilastech. Be	r.	
M		Koss et al., "Design of Selective Transmissiv	e/reflective C	Coatings	s for Windows" J. Vac. Sc	i. Technol., A	. (1992) рр. 1892-18	396.		
EXAMINER		DAT	E CONSID	ERED	2/40	/				
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(9K)		4,900,633	2/1990	Gille	гу	428	432		
		4,902,081	2/1990	Huffe	er	359	360		
		4,920,006	4/1990	Gille	гу	428	432		
		4,938,857	7/1990	Gille	гу	204	192.27		
		4,946,712	8/1990	Good	lman	427	166		
	4,965,121		10/1990	Your	g	359	360		
<i>y</i> <01	5,000,528		3/1991	Kawa	akatsu	359	585		
~		5,059,295	10/1991	Finle	ν	204	192.27	->	
1		5,091,244	2/1992	Bion	ard	428	216		
_ ['		5,110,662	5/1992	Depa	uw	428	192		
		5,119,231	6/1992	Nelso	on	359	359		
M	5,135,808		8/1992	Kimo	ock	428	336		
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		OTHER DOCUMENTS (I	ncluding Au	thor, 7	litle, Date, Pertinent Pa	ges, Etc.)			
X		McCarthy et al., "Deposition of Dielectric O Symp. Proc. (1989).	ptical Coating	s: A M	icrostructural Study of the	Deposited L	ayers and Interfaces	Mater. Res	s. Soc.
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A	5,153,054	10/1992	Depauw				
'/	5,168,003	12/1992	Proscia				
7	5,190,807	3/1993	Kimock				
7	5,217,753	6/1993	Goodman				
	5,234,748	8/1993	Demiryont				
$\neg \tau$	5,239,406	8/1993	Lynam		" "		
1.	5,242,560	9/1993	Lingle				
	5,248,545	9/1993	Proscia				
	5,254,392	10/1993	Burns et al.				
	5,262,633	11/1993	Kasai et al				
	5,279,722	1/1994	Szcyzbowski				
47	5,296,302	3/1994	O'Shaughnessy	428	472		
	FOREI	GN PATEN	T DOCUMENTS		· · · · · · · · · · · · · · · · · · ·	•	
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A		5,298,048	3/1994	Lingl	le				
		5,318,685	6/1994	O'Sh	aughnessy				
		5,342,676	8/1994	Zagd	oun				
		5,344,718	9/1994	Harti	g				
		5,376,455	12/1994	Harti	g				
		5,377,045	12/1994	Wolfe	e				
		5,398,133	3/1995	Tsai e	et al.				7
		5,411,794	5/1995	Kawa	aguchi				
		5,418,019	5/1995	Chen					
		5,425,861	6/1995	Harti	g				
		5,433,988	7/1995	Füku	da				
M		5,510,173	4/1996	Pass	· ·				
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Form PTO-A820 (also form PTO-1449)

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SI		5,520,996	5/1996	Balia	n					
		5,521,765	5/1996	Wolf	e					
		5,543,229	8/1996	Ohsa	ki					
		5,552,180	9/1998	Finle	у					
太 人		5,705,278	1/1998	Giller	Ŋ					
		6,274,244	8/2001	Finle	у					
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